

WSP251
Optional Neutral PIR Single Pole
Commercial Occupancy Sensor

The WSP251 Passive Infrared (PIR) Wall Switch Sensor turns lighting or fan loads on and off based on occupancy and ambient light level. The sensor replaces existing wall switches and fits behind a standard decorator wall plate.

The WSP251 is great for retrofit projects and has the flexibility to work in a variety of applications including offices, conference rooms, break rooms and utility rooms. Energy savings for these areas can be as high as 60% since lighting will no longer remain on once the room is vacant. With a competitive price, low installation cost, and high energy savings, paybacks are usually well under two years.



FEATURES & BENEFITS

180° coverage, maximum of 900 ft²

Shallow (1") back housing and flying leads for easy installation.

Built-in light level sensor.



WSP251W

Optional neutral connection with break off tab to expose neutral terminals.

120/277 VAC

Button provides positive tactile feedback.

- Complies with 2011 NEC® requirements
- Zero-crossing circuitry reduces stress on the relay and results in increased sensor life
- Adjustable time delay and sensitivity
- Custom two-tier Fresnel lens enhances detection at the desktop level
- LED indicates occupancy detection
- Sensor coverage tested to NEMA Guide Publication WD 7-2000
- Light-level sensor holds lights off when ambient lighting is above the preset level
- Patented voltage drop protection
- For safety, there is no leakage to load in the off mode and sensor is safely grounded



PASS & SEYMOUR®

Passive Infrared Wall Switch Occupancy Sensor

ORDERING INFORMATION

Catalog No.	Description	Voltage	Load Rating	Coverage	Color
Passive Infrared Wall Switch Occupancy Sensor					
WSP251I	Passive Infrared Wall Switch Sensor	120 VAC; 60 Hz or 277 VAC; 60 Hz	@ 120 VAC, 0-800 W ballast or tungsten or 1/6 hp @ 277 VAC 0-1200 W ballast	900 sq ft.	Ivory
WSP251W					White
WSP251BK					Black
WSP251GRY					Gray
WSP251LA					Light Almond

TECHNICAL SPECIFICATIONS

- 120/277VAC; 50/60Hz, 1/6 hp
@ 120VAC, 0-1000W ballast, LED, and tungsten
@ 277VAC, 0-1200W ballast and LED
- Time delay adjustable from 30 seconds up to 30 minutes
- Adjustable sensitivity from 20% to 100%
- Adjustable light level setting of 10 to 200 footcandles (107.6 to 2,153 lux)
- Coverage: Major motion 35' x 30'
Minor motion 20' x 15'
- Dimensions (L x W x D): 2.68" x 1.75" x 1.04" (68mm x 44mm x 27mm)
- UL and cUL listed
- Five year warranty

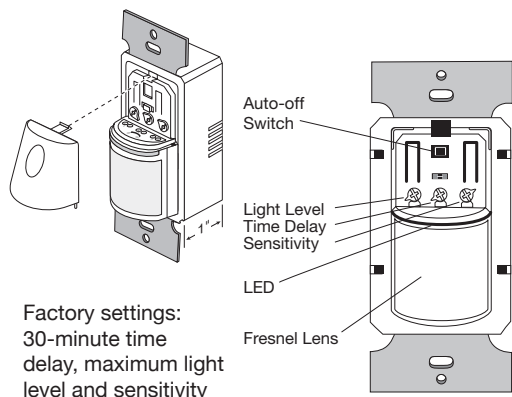


PASS & SEYMOUR® Passive Infrared Wall Switch Occupancy Sensor

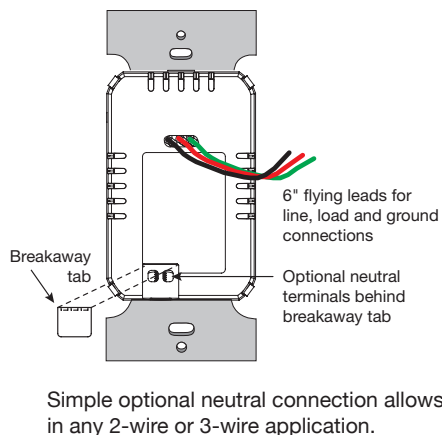


CONTROLS & INSTALLATION

Product Controls

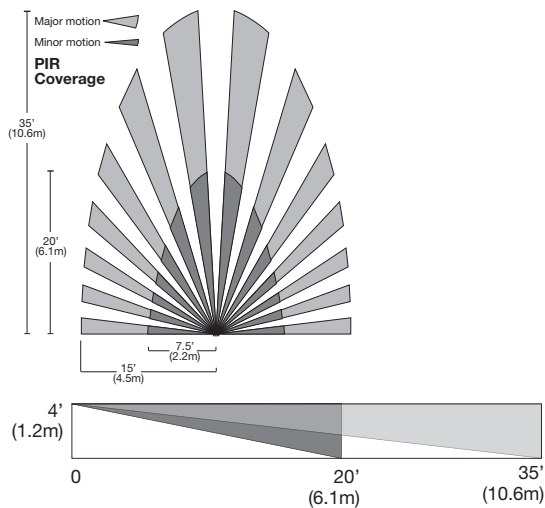


Neutral Option



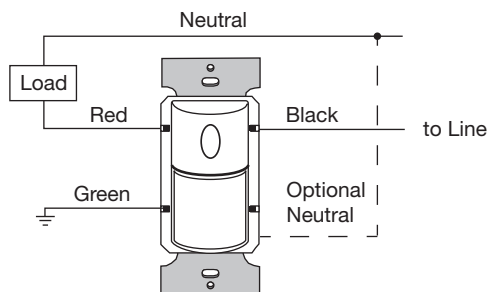
COVERAGE & WIRING

Coverage Pattern

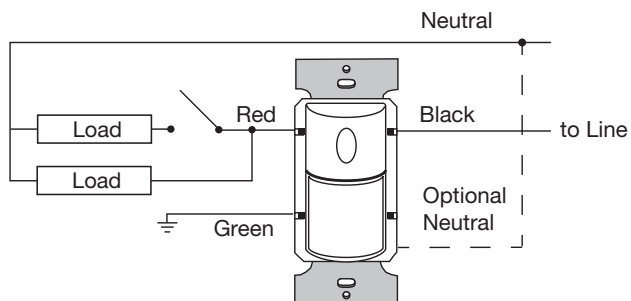


For best performance, use this sensor in spaces no larger than 15' x 12'.

Single Level Lighting



Manual Bi-level Lighting



ALSO AVAILABLE...

- Plug Load RF Receptacles
- Plug Load RF Signal Pack
- Plug Load Controllable Receptacles
- Straight Blade Plugs & Connectors
- Turnlok® Locking Devices
- Hospital Grade Devices
- Weatherproof Boxes & Covers
- IEC 309 Industrial Products
- TVSS & Isolated Ground Devices
- Flexcor® Wire Mesh Grips
- Bulk Solutions
- Ground Continuity Monitoring (GCM)



Electrical Wiring Systems

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